



**Final Minutes  
EIIP Co-Chairs Conference Call  
January 17, 2001  
Research Triangle Park, North Carolina**

## ATTENDEES

Dennis Beauregard, Steering Committee  
Herb Sherrow, Steering Committee  
Mike Koerber, Steering Committee  
Chuck Mann, Area Sources Committee  
Roy Huntley, Point Sources Committee  
Greg Stella, Projections Committee  
Bill Kuykendal, Quality Assurance Committee  
Ray Bishop, Area Sources Committee  
Janet Cohen, Mobile Sources Committee  
Bob Betterton, Point Sources Committee  
Tom Pace, PM-2.5 Committee  
Tom Pierce, Biogenic Sources Committee  
Garry Brooks, ERG

Dennis opened the meeting by asking if there were any comments on the minutes prepared for the previous co-chairs conference call. No comments on the minutes were voiced by the participants of this call. Progress reports of the Point Sources, Area Sources, Mobile Sources, Biogenics, Projections, and PM-2.5 Committees were presented. General discussions were also held addressing follow-up issues on the planned toxics scoping study and program support and funding issues.

## COMMITTEE REPORTS

### Point Sources Committee

Roy Huntley and Bob Betterton provided the report for the Point Sources Committee (PSC). They summarized the major progress as follows:

- On Chapter 1 (Introduction to Stationary Point Source Emission Inventory Development), work is being performed to revise and update the chapter to ensure it is current and accurate, particularly in relation to air toxics emissions. The effort is due to be completed March 30.

- On Chapter 15 (Graphic Arts), the document has been revised and is ready for resubmission to industry for review. Once this review is completed and comments are addressed, the document can be finalized. A completion date for the chapter of March 30 is planned.
- On Chapter 14 (Uncontrolled Emission Factor Listing for Criteria Air Pollutants), work is continuing and the revised document is very close to being done. Much of the current activity is geared to detailed review and quality checking the numbers.
- On Chapter 2 (Boilers), work has been completed on revisions and the document was posted as final.
- On Chapter 12 (Control Device Efficiencies and Malfunctions), the PSC agreed to have another call to discuss this chapter and what needs to be done. They would like to re-write some aspects of the chapter focus and run it by the Steering Committee for review.
- On Chapter 7 (Surface Coating), an issue has come up involving transfer efficiency and the way it is treated in an equation in the chapter. An EPA commenter did not agree with the conservative way that transfer efficiency was being handled in that all of the paint material not contacting the part was assumed to be released as a PM emission. The PSC reviewed the chapter and the person's comment and decided that the existing approach is still the preferred approach for state purposes even though they agreed it does provide a conservative emissions estimate.
- The PSC is still considering future projects for the committee to pursue. Roy would like to get the PSC to recommend a list as soon as possible. Several source categories have been mentioned for emissions estimation guidance work including pulp & paper, wood products, and cement kilns. Bob mentioned that toxics work in general and work on major MACT point sources is always needed.

## Area Sources Committee

Chuck Mann gave the report for the Area Sources Committee (ASC). He summarized the primary committee activities as follows.

- Chapter 24, *How to Conduct a Survey*, has been finalized and posted to the EIIP web site.
- The Abstract for Leaking Underground Storage Tanks has generated additional comments from an EPA person. The Abstract has been removed from the web site until the comments can be resolved. ERG is reviewing the comments and will make recommendations to the ASC on how to address them.

- Section 7 (Data Coding) revisions are being completed and will be done by the end of January. Revised chapters will be provided to the ASC for review.
- The solvent usage work assignment, being conducted by ECR under the direction of Lee Tooley, has been extended to mid-March. No deliverables are expected soon on the project. It will be late March or early April before something is available to the ASC for review from this work.

## Mobile Sources Committee

Janet Cohen gave the report for the Mobile Sources Committee (MSC). She explained that the MSC is currently trying to get three projects started and is working with some Regional Planning Organizations (RPOs) to help get contractors onboard for the projects. The RPOs will help provide funding vehicles for the projects and administer them. Technical direction for the projects will still come primarily from the MSC. The three projects to be conducted are: 1) Top-Down Validation of the MOBILE Model, 2) Best Practices Guidance for Onroad Mobile Emission Estimates, and 3) Best Practices Guidance for Nonroad Mobile Emission Estimates.

Currently each project work group is finalizing development of a scope of work for its project. Final scopes should be out within two to four weeks. The Nonroad work group has decided to drop aircraft from its scope and is now deciding whether to pursue marine vessels or locomotives. The Top-Down Validation effort has been affected by a project currently underway by the Consolidated Research Council (CRC). The CRC program is designed to conduct a MOBILE model validation for certain areas of the country, such that the planned EIIP MSC project would be duplicative. The Top-Down work group will be meeting soon to discuss ways to reshape their project.

Mike Koerber asked a question concerning whether EPA/OTAC will accept and embrace the potential results that may be produced by an EIIP Top-Down Validation project. He indicated he had heard comments that OTAC would not buy into the results of such an effort if it meant that MOBILE6 results needed to be adjusted by states. Janet Cohen tried to address Mike's question. She stated that there were two issues impinging on how OTAC viewed any EIIP MSC Top-Down Validation project. The first issue was just the outcome of the CRC project. Since this work is just starting, its outcome and impacts are unknown. The second OTAC issue would be the intended use of the top-down analysis. OTAC would likely have objections if states wanted to use the analysis results to adjust final MOBILE6 outputs. Using the results to possibly change/improve future MOBILE model inputs would likely be okay. Mike emphasized that it was important for OTAC to understand the impact of what the message is to states if EPA does not want MOBILE6 results altered based on the results of a top-down validation analysis.

## **PM-2.5 Committee**

Tom Pace gave the report for this committee. Tom reported that Steve Anderson of the Texas Natural Resources Conservation Commission is the new state co-chair for the PM-2.5 Committee. In terms of current committee activities, Tom indicated that the group is getting geared up for this year's project. They will be trying to develop new PM inventory guidance that clearly delineates ways to improve PM inventories at the state level. This new guidance will take advantage of newer data and tools for PM sources that are becoming available.

## **Projections Committee**

This committee report was given by Greg Stella. Greg reported that the Projections Committee has formally disbanded. The group has drafted a final memo to the Steering Committee that summarizes the activities and major accomplishments of the committee in terms of products generated. The memo is currently under review and will be sent to the Steering Committee soon. In the next few weeks, Greg plans to send out via several web list servers, an announcement that a new Emissions Modeling Committee is being formed. The announcement will solicit volunteers for the committee and ideas for projects the committee can undertake. This information will be compiled and submitted to the Steering Committee along with a request for funding the identified projects. Start-up of the committee is expected to be at least a month away.

## **Biogenic Sources Committee**

Tom Pierce gave the report for this committee. Tom started off by explaining how his available time for EIIP activities would be reduced because of a significant change in his responsibilities at EPA. He is therefore trying to get more involvement in committee activities from the state co-chair Mark Estes. Tom reported that the Steering Committee had funded a \$45,000 proposal to update existing biogenics guidance. He hopes to reorient the chapter from being just a PC-BEIS manual. He wants the revised guidance to be more of a primer for estimating biogenic emissions. It would cover all aspects of biogenic emissions and communicate that there are several options to estimating emissions besides BEIS. The document would also, however, include and explain the use of the new BEIS-3 model. Tom is currently trying to find an EPA manager for the biogenics project. This person would work with Mark Estes and a contractor.

Discussion followed, based on a comment from Mike Koerber, about the users of the revised biogenics guidance document. Mike indicated that the primary customers would be air quality modelers and state inventory compilers. Tom said he viewed the users as small states who did not want to perform their own extensive biogenics calculations, larger states who were performing modeling and did want to determine their own biogenics numbers, and air quality modelers. Mike said he agreed the revised guidance was needed. Tom stated the new document would likely contain a biogenics primer section, a BEIS-3 section, and a section for modeling.

## **OTHER BUSINESS**

### **Air Toxics Scoping Study**

Dennis gave a report on the planned air toxics scoping study. He and Mark Janssen have developed a scope of work for a project to assess air toxics emissions across all EIIP source categories. The goal of the study will be to determine what toxics are coming from what categories (includes qualitative assessment of where releases occur relative to population), in what quantities, and what are the relative toxicities of these emissions. The purpose will be to identify and prioritize the more important toxics sources from the standpoint of potential to release emissions that pose adverse human health impacts. This project will be a work assignment under the Steering Committee.

### **Program Support and Funding Issues**

Dennis reported that there is still currently no funding allocated to EIIP for this fiscal year. He stated, however, that there have been some discussions over the last month or so between EPA and STAPPA/ALAPCO about EIIP funding. These discussions have been a part of broader discussions involving use of grant funds for items such as training (e.g., operation of the Air Pollution Training Institute). Proposals for possible FY2001 funding have been brought up whereby a reduced amount of funding (perhaps 50% of the usual budget) could be provided. These discussions are continuing and reports will be provided as news becomes available.

## **NEW BUSINESS**

There was no new business identified.

## **NEXT CALL**

The next teleconference call was scheduled for Wednesday, February 21, 2001, at 3 p.m. EST. The call-in number will be distributed by e-mail with a call agenda in early February.



**Final Minutes  
EIIP Co-Chairs Conference Call  
March 29, 2001  
Research Triangle Park, North Carolina**

## ATTENDEES

Dennis Beauregard, Steering Committee  
Roger Westman, Steering Committee  
Mike Koerber, Steering Committee  
Bob Betterton, Point Sources Committee  
Dick Forbes, Steering Committee  
Roger Westman, Steering Committee  
Greg Stella, Emissions Modeling Committee  
Garry Brooks, ERG

Dennis opened the meeting by announcing that Cyril Durrenberger would no longer be involved with EIIP and the Steering Committee since he is retiring. Linda Murchison is also resigning from the Steering Committee due to changes in her position at CARB. Dennis praised the contributions of both people to EIIP and indicated they will be missed. Efforts will be initiated to find replacements for both Steering Committee positions.

Dennis also asked if there were any comments on the minutes prepared for the previous co-chairs conference call. No comments on the minutes were voiced by the participants of this call. Progress reports of the Point Sources and Emissions Modeling Committees were presented. General discussions were also held addressing the status of the toxics scoping study, program support and funding issues, proposed EFIG projects related to EIIP, and the upcoming Emission Inventory Conference in Denver.

## COMMITTEE REPORTS

### Point Sources Committee

The Point Sources Committee (PSC) report was given by Bob Betterton. Bob made the following comments regarding work on point source guidance chapters.

- Chapter 1 - Introduction: they are still in the process of updating the chapter; ERG prepared a revised draft and provided it to the chapter work group for review; since no one had had time to complete their review, the group decided to extend the review period.



- Chapter 7 - Surface Coating: a meeting will be held April 17 to evaluate and discuss comments made on the chapter by a state agency person. The chapter work group will determine what changes, if any, are needed on the chapter.
- Chapter 14 - Uncontrolled Emission Factor Listing for Criteria Air Pollutants: The group is very close to finalizing this chapter. An additional appendix is being inserted to provide an SIC-SCC crosswalk. The crosswalk was obtained from South Carolina and was able to be added to the chapter at virtually no cost.
- Chapter 15 - Graphic Arts: Work is being performed to address minor industry comments on the chapter. A meeting of the chapter work group is scheduled for April 12 to discuss the revisions and the process necessary to finalize the chapter.
- Chapter 16 - Emission Factor Listing for 33 Urban HAPs: The PSC has started work on the development of a new chapter to provide emission factors for the 33 designated urban HAPs. The factors will be provided on an SCC basis and similar in format to how Chapter 14 is constructed.

## **Area Sources Committee**

No one from the Area Sources Committee was on the call so no report was given.

## **Mobile Sources Committee**

No one from the Mobile Sources Committee was on the call so no report was given. Dennis mentioned, however, that he had recently gotten a call from Sam Wells, who is on this committee. Sam is one of the co-chairs of the Onroad Mobile Best Practices work group. Sam communicated that his work group is suggesting to the Mobile Sources Committee that the Onroad Best Practices group not move ahead with their research project at this time. They feel the MOBILE6 release is still too new and not enough people have the model to properly evaluate it and develop guidance materials.

## **Emissions Modeling Committee**

The report for this committee was given by Greg Stella. Greg reported that the committee had its first meeting on March 28, with approximately 20 people participating on the call. The initial business on the call was to review the origin and formation process of this committee as a means to understand its mission. One of the primary goals of the meeting was to review the list of potential projects that had been suggested for the committee to pursue and prioritize the top five. Approximately 25 project recommendations have been received. The intent was to identify priority projects in the areas of temporal issues, spatial issues, speciation issues, and an “other” issues category. Examples of the types of projects that may be undertaken include the following.

- conduct sensitivity analyses on spatial and temporal profiles for specific source categories to determine the effect on modeling results
- conduct sensitivity analyses of various chemical speciation data (e.g., elemental carbon, nitrogen species, sulfur species, VOC) to determine effect on modeling results
- investigate chemical species sensitivity and the effect on modeled concentrations using the decoupled direct method (DDM)
- investigate VOC association carbon-bond mechanisms for reactive organic gases (ROG) and total organic gases (TOG); there is no association for roughly 130 VOC and approximately 5-6% of the VOC mass is being undercounted for modeling purposes
- review source category spatial allocation methods for future year projections, investigate impacts of assigning categories to different spatial surrogates

Greg plans to prepare half-page write-ups summarizing the recommended priority projects and forward these to the Steering Committee for review. An estimate of the budget needed for each project will accompany the summary. Greg also noted that there is still a need to identify a state agency co-chair for the Emissions Modeling Committee.

In response to a question from Dennis, Greg provided an explanation of the relationship between the EIIP Emissions Modeling Committee and the Ad Hoc Emissions Modeling group that has been formed. Greg first pointed out that there are similar people on both groups, and the two groups do have similar goals to improve the status of emissions modeling data and the air quality modeling process. The Ad Hoc group consists of members from all parts of the country and includes state agency, EPA, and contractor personnel. Its membership deals with emissions modeling issues covering ozone, PM, and toxics pollutants. The group meets quarterly around the country to share information on the research activities its members are conducting. The last meeting held was in Texas.

It was pointed out that the Ad Hoc group is not funded by any central body such as EPA or EIIP; everyone on the group (i.e., their employer) pays for their participation. Some of the Ad Hoc group members feel it would be beneficial to participate on the EIIP Emissions Modeling Committee as well; however, for the time being, the two groups will remain separate.

Different people on the call spoke up that there may be too many groups and subgroups tackling some of the modeling and inventory topics. There are, in some cases, EIIP committees, ad hoc groups, state groups, and regional planning organization (RPO) groups investigating similar topics. Commenters wondered if there were some redundant activities and if there were sufficient funds to support all the groups. Several people expressed that this should be looked into to insure efficient and effective progress on these technical issues.

## **OTHER BUSINESS**

### **Air Toxics Scoping Study**

Dennis reported that the study is underway and he has received feedback from ERG on the first task involving development of a source category ranking table. ERG has submitted a draft ranking table for review. Dennis and some EPA staff are reviewing the table and he will pass it on to the rest of the Steering Committee soon.

### **Program Support and Funding Issues**

Dennis reported that there has been agreement reached between EPA and STAPPA/ALAPCO on funding of the EIIP for FY2001. The program will be fully funded with each party contributing 50% of the funding. Dennis and Roger both noted that even though this agreement has been reached, no actual funds have been received by the program yet from either EPA or STAPPA/ALAPCO. It was also noted that once the FY2001 funds are received, they cannot be co-mingled on projects. This means some efforts will have to be funded by EPA dollars and some by state 105 dollars.

### **EFIG Proposed Projects**

Dennis briefly reported on the list of projects proposed by EFIG for EIIP funding consideration. The identified projects are as follows.

- Reconstitute Data Management Committee with Doug Solomon as EPA lead
- Emissions Modeling Committee project ideas
- Non-point source combustion emission inventory project
- 4. Gasoline marketing VOC emission inventory project
- 5. Develop default control device factors
- 6. Fugitive dust project (run through EIIP PM-2.5 Committee)
- 7. Ag burning emission inventory project (run through EIIP PM-2.5 Committee)
- 8. Wildfires and prescribed burning emission inventory project (run through EIIP PM-2.5 Committee)
- 9. Needs assessment for state emission inventories (tabled for now, low interest)
- 10. Best emission inventory practices by states (tabled for now, low interest)
- 11. Develop web-based clearinghouse for inventory data exchange

Mike Koerber also mentioned a placeholder project for the QA of air toxics inventories, which he said had been earmarked with a budget of \$100K. This project will not go forward at the moment. It will be piggybacked on the Top-Down Validation project and use tools developed by the Top-Down Validation effort. Several attendees commented that there needed to be better coordination on research projects between EIIP and the RPOs. The upcoming Denver inventory conference was suggested as a good forum for such coordination discussions.

## **Emission Inventory Conference**

Dennis reported that he is now going to be attending the conference in Denver and will staff the EIIP booth for some of his time. He is, however, still looking for more state and local agency volunteers to help staff the booth. He reported that about a half dozen state agency people had volunteered for booth duty in response to his previous e-mail on the topic, but more are needed.

### **NEW BUSINESS**

There was no new business identified.

### **NEXT CALL**

The next teleconference call was scheduled for Thursday, April 26, 2001, at 3 p.m. EDT. The call-in number will be distributed by e-mail with a call agenda in early-mid April.



**Final Minutes  
EIIP Co-Chairs Conference Call  
June 13, 2001  
Research Triangle Park, North Carolina**

## ATTENDEES

Dennis Beauregard, Steering Committee  
Roger Westman, Steering Committee  
Bob Betterton, Point Sources Committee  
Greg Stella, Emissions Modeling Committee  
Roy Huntley, Point Sources Committee  
Doug Solomon, Data Management Committee  
Phil Lorang, EPA/EFIG  
Garry Brooks, ERG

Dennis first asked if there were any comments on the minutes prepared for the previous co-chairs conference call. No comments on the minutes were voiced by the participants of this call. Progress reports of the Point Sources, Mobile Sources, Data Management, and Emissions Modeling Committees were presented. General discussions were also held addressing the status of the toxics scoping study, Steering Committee replacements for Cyril Durrenberger and Linda Murchison, and problems in getting technical leads on projects.

## COMMITTEE REPORTS

### Point Sources Committee

The Point Sources Committee (PSC) report was given by Bob Betterton. Bob made the following comments regarding work on point source guidance chapters.

- The PSC last met on June 9. The Committee modified the current support work assignment to include an additional 40 hours to wrap up lingering work activities over the summer. The next PSC call is scheduled for July 12. Over the summer, the Committee plans to have about 6-8 weeks between calls as a part of a “summer sabbatical”.
- Chapter 1 - Introduction: the PSC approved of the current version of the chapter as final.

- Chapter 7 - Surface Coating and Chapter 15 - Graphic Arts: a meeting was held on April 17 to evaluate and discuss comments made on the chapter. The chapter work groups have determined what changes are needed on the chapters, and revisions are ready to proceed.
- Chapter 14 - Uncontrolled Emission Factor Listing for Criteria Air Pollutants: The group is very close to finalizing this chapter. An issue arose on the additional appendix being inserted to provide an SIC-SCC crosswalk.
- Several new projects have been mentioned for possible PSC consideration, including:
  - S chapter on the development of surrogate emission factors
  - S expanded Chapter 12, visit state agencies to gather data on control device performance, malfunctions, and downtime
  - S expanded Chapter 14 to include emission factors for toxics, problem will be to fit all of the data into current table format
- Alice Fredlund of Louisiana has resigned from the committee. The question was raised on is there an immediate need to replace her. The consensus seemed to be there is not a pressing need to replace her position at this time.

## **Area Sources Committee**

No one from the Area Sources Committee was on the call so no report was given.

## **Mobile Sources Committee**

No one from the Mobile Sources Committee (MSC) was on the call so no report was given. Dennis mentioned, however, that activity on the Committee was proceeding based on some actions taken by EPA's Office of Transportation and Air Quality (OTAQ). OTAQ has suggested to the MSC several projects they would like the Committee to pursue in support of OTAQ efforts. There was a call of the MSC work groups on June 12 to discuss these projects and how the Committee could help address them. The projects include Top-Down Validation of MOBILE6, Assessment of Mercury and Other Trace Metals from Motor Vehicles, and a Nonroad Data Collection Survey. Work on these projects will hopefully commence in the next month or so. The Top-Down Validation project would be conducted in conjunction with the Coordinating Research Council (CRC).

## **Emissions Modeling Committee**

The report for this committee was given by Greg Stella. Greg first announced that Patrick Barickman of Utah (801-536-4008, pbarickm@deq.state.ut.us) had agreed to be the state co-chair for the Committee. He then indicated that the Steering Committee had approved funding for three projects the Emissions Modeling Committee (EMC) wants to pursue. These three projects involve:

- S Sensitivity runs,
- S Future year spatial allocation methods to address urban sprawl issues, and
- S Chemical mechanism assignments for VOC.

Work assignments for the later two projects have been drafted; however, no work assignment managers have been identified yet. The EMC's next monthly call will be in about three weeks.

## **Data Management Committee**

The report for the Data Management Committee (DMC) was given by Doug Solomon. Doug indicated that a solicitation for DMC members was sent out a few months ago and 18 replies of interest were received. Since that time, he has been trying to get a contractor support work assignment in place and hopes to have this accomplished very soon. Once support is in place, an initial organizational call can be held. The first task of the Committee will be to gauge where data management stands in the inventory community in terms of its importance as an issue and needs that may exist. Doug hopes to have a workshop this fall to bring together interested parties on the emissions inventory data management issue. However, with the delay in getting contractor support, it may be difficult to get a workshop scheduled and implemented for the fall. If another general inventory conference is held in the fall similar to last year, it may be possible to piggyback on that meeting and have a focused session on data management. However, no agencies have offered to host a general fall EIIP workshop and the prospects for this alternative are not good.

## **OTHER BUSINESS**

## **Air Toxics Scoping Study**

Dennis reported on the status of the scoping study. He noted that Task 1, to develop a ranking of air toxics source categories from the national Toxics Inventory, was complete. A table of the ranked categories and a supporting memo explaining how the ranking was developed has been submitted to the Steering Committee for review. The Steering Committee has instructed ERG to proceed to the next task which involves providing more detailed information on how the emission estimates for the top 20 categories were developed. This step will involve providing greater specification on how emission factors/rates, activity data, and spatial allocation factors were determined for each category. All estimation assumptions and data weaknesses will be called out in an effort to identify how an estimate might be improved. This information will hopefully lead to the identification of possible EIIP projects to facilitate the improvements.



## **NEW BUSINESS**

Dennis noted that the Steering Committee was moving ahead in trying to select replacements on the Committee for Cyril Durrenberger and Linda Murchison. New members will hopefully be in place soon. Comments were also made that progress on the overall program has slowed down somewhat because of problems in getting sufficient staff to lead projects. The goal to try and utilize Regional Planning Organizations (RPOs) in this process was a good one, but the success of this route has been limited up to now. The technical committees of the RPOs that might take on such roles have been slow to form.

## **NEXT CALL**

The next teleconference call was scheduled for Wednesday, July 11, 2001, at 3 p.m. EDT. The call-in number will be distributed by e-mail with a call agenda in early July.



**Final Minutes  
EIIP Co-Chairs Conference Call  
November 29, 2001  
Research Triangle Park, North Carolina**

## ATTENDEES

Dennis Beauregard, Steering Committee  
Herb Sherrow, Steering Committee  
Roger Westman, Steering Committee  
Bob Betterton, Point Sources Committee  
Roy Huntley, Point Sources Committee  
Chuck Mann, Area Sources Committee  
Doug Solomon, Data Management Committee  
Patrick Barickman, Emissions Modeling Committee  
Garry Brooks, ERG

Dennis first asked if there were any comments on the minutes prepared for the October 29, 2001 Co-Chairs conference call. No comments on the minutes were voiced by the participants of this call. Progress reports of the Point Sources, Area Sources, Data Management, and Emissions Modeling Committees were presented. Additional topics of discussion included the Air Toxics Scoping Study, the spring inventory conference in Atlanta, and the revamping of EIIP and its workings.

## COMMITTEE REPORTS

### Area Sources Committee

Chuck Mann gave the Area Sources Committee (ASC) report. The ASC held its last conference call meeting about two weeks ago. The Toxics Scoping Study information was discussed, but no specific project recommendations came out of the discussion. Jack Sipple of Delaware had brought up that MARAMA would be sending a letter to EIIP requesting that some work be done on toxics from the area source categories of gas cans, application of industrial adhesives, and dry cleaners. Chuck noted that there are no EIIP area source guidance chapters for gas cans and industrial adhesives. Dennis commented that EPA is reviewing the letter as well to determine if some of the MARAMA request falls more into activities that EPA should be pursuing.

Chuck stated that currently only one task is active within the ASC. ERG is evaluating the impact in the guidance chapters and abstracts of replacing all references to Standard Industrial Classification (SIC) codes with the new North American Industrial Classifications System (NAICS) codes. He also announced that Mark Eastburn of Delaware is leaving the ASC as he has taken a new position with the Delaware Department of Transportation. Chuck stated that he did have two new people who wanted

to participate with the ASC and he would forward these names to Dennis. The only other activity of the Committee currently involves following progress on EPA work to revise the unpaved roads AP-42 section. Chuck plans to stay in touch with Bill Kuykendal on these activities.

## **Point Sources Committee**

The Point Sources Committee (PSC) report was given by Roy Huntley. Roy indicated that the PSC has been inactive since the summer, and does not expect that to change soon given speculation that the PSC would be absorbed into a new Stationary Sources Committee. Bob Betterton noted that there is still a lot of interest with PSC members for point source issues, and current members want to participate in any future Stationary Sources Committee.

## **Emissions Modeling Committee**

Patrick Barickman provided the report for this committee. He stated that Greg Stella has set up two conference calls in December to discuss the Sensitivity Analysis and Spatial Allocation projects and the work plans that have been prepared for them. The Spatial Allocation call is scheduled for December 11 and the Sensitivity Analysis call one week later on December 18. The calls will address work to be performed over the course of FY2002. Dennis asked if there had been a project technical lead identified yet for the Sensitivity Analysis work. Patrick was not aware that any such person had been identified yet.

## **Data Management Committee**

Doug Solomon provided the report for the Data Management Committee. The Committee held its second conference call about two weeks ago, but attendance was very low, possibly indicating that there might not be as much concern and interest in this topic as previously thought. One state person, Randy Raymond of Missouri, favored moving forward with the group's efforts despite the low call turnout. What Doug wants to do now is put together a list of activities that the Committee may hope to accomplish and discuss these in a face-to-face meeting. He wants to determine if there is sufficient interest and committed participation to move forward. Doug is not interested in having a Committee that is primarily just himself and his activities. He wants the initiative to reflect a broader consensus of needs.

## **OTHER BUSINESS**

## **Air Toxics Scoping Study**

The Air Toxics Scoping Study has been provided to the Committee Co-Chairs, but little feedback has been received thus far. Dennis will send out an e-mail prompting people to review and provide comments on the Study.

## **Atlanta Inventory Conference**

Dennis reported that funds had been approved to have an EIIP exhibit booth at the Atlanta inventory conference in April. Ideas are needed for a theme for the booth and materials that would be useful to exhibit. One of the themes will be the revamping of how EIIP will work in the future. Other ideas from the committees are needed on how best to display and communicate the successes of the program. One thing that will be made available for distribution at the booth is a 1 to 2 page handout summarizing program status and products. Ideas for the booth should be forwarded to Dennis.

## **EIIP Revamping**

Dennis described that a strawman proposal has been developed for revamping how EIIP will function in the future. The proposal was discussed at the recent SAEWG meeting and has been circulated to EIIP Committee Co-Chairs. There will be a new round of planning to determine what projects to fund and conduct. Funds will be allocated by fiscal year into several topical bins. The inventory community will be able to suggest projects for consideration. Abstracts for the projects will be prepared and posted on the EIIP web site for comment. The most viable and worthwhile projects will be funded. The strawman proposal includes approaches that are similar to what is being done now for the Mobile Source Committee's project on locomotives, as well as use of EPA WAMs and contractors to develop projects.

### **NEW BUSINESS**

There was no new business reported.

### **NEXT CALL**

The next teleconference call is scheduled for Wednesday, January 16, 2002, at 3 p.m. EST. The call-in number will be distributed by e-mail with an agenda several days prior to the call.

## *Meeting Minutes*

### **Emission Inventory Improvement Program PM 2.5 Committee**

**December 13, 2001**

#### **Committee Members:**

Steve Anderson, Co-chair Texas  
Tom Pace, Co-chair EPA  
Mohammed Majeed, Delaware  
Bob Betterton, South Carolina  
Angel Thompson, South Carolina  
Ralph Johnston, Lane County, Oregon  
Patrick Gaffney, California  
Duane Ono, Great Basin AQMD, California  
Jeff Sprague, Illinois  
Mollie Freebairn, Missouri  
Jim Shively, New Mexico  
Dave McNeil, Utah  
Carol Nielsen, Utah  
Marc Deslauriers, Environment Canada  
David Niemi, Environment Canada

This was the first meeting of the PM 2.5 Committee in Fiscal 2002. Dick Forbes, Duane Ono, Mohammad Mazeed, Ralph Johnston, Patrick Gaffney, Jeff Sprague, Jim Shively, Dave McNeil and Marc Deslauriers could not attend. The primary objectives were to introduce new committee members, summarize past activities, present initial new activities, and to open up the group for discussion of other possible EIIP PM-2.5 projects.

Tom began the meeting by summarizing the efforts that have been completed on development of the “one pagers”. A complete set of these “one pagers” is available on the PM-2.5 Resource Center Web Page under the inventory preparation and area source preferred methods link. URL: <http://www.epa.gov/ttn/chief/eiip/pm25inventory/pm25home.htm#>. These “one pagers” describe the current NEI methodology, and point out some weaknesses of that methodology for application to regional/state/local planning exercises. Some suggestions for work efforts that can be done by state/local/tribal agencies to improve the inventory estimates from these methodologies are then presented with some ideas on where to go to look for improved data inputs and activity data. EPA contacts and related Web Sites are also listed. Currently, these “one pagers” are watermarked with a draft stamp. They will be finalized following updates in response to comments received by committee members. Please submit your comments to Tom, Steve and Mark.

Tom then presented concept summaries for the two new projects that have been initiated for FY 2002. The first of these is the preparation of a summary report on elemental carbon and organic carbon. The report will present known information on the importance of distinguishing between these two important organic components of PM fine, the primary sources of these components, sampling and analytical methods and the potential bias in measurements from different networks, and priorities for additional projects that could help fill in the remaining information gaps. The other ongoing project is a review and assessment of available satellite platforms that could be used to help identify sources and quantify emissions from sources related to PM fine and its precursors. Both reports will be available in January or February.

Steve discussed some projects that have recently been finished or are ongoing in Texas that primarily concern NH<sub>3</sub>. A project has been completed that resulted in new emission factors for NH<sub>3</sub> from forests. That data was used to update a model that was developed by NASA so that it can simulate emissions of NH<sub>3</sub> from forests by season. Steve also mentioned some work that was being done by Texas A&M University to evaluate NH<sub>3</sub> emissions from other activities.

It was suggested that we start a list of relevant web pages that could be useful to the committee and others interested in improving methods for estimating PM and its precursors. Some important sites are listed below:

<ftp://ftp.epa.gov> FTP site for inventory download look in EmisInventory/ directory  
<http://www.epa.gov/ttnamti1/pmspec.html> TTN site with links to many documents about PM monitoring

Tom then asked all in attendance to make suggestions for work that could be pursued in the future through the committee. Some of the suggestions made are:

- Carol suggested developing more information on CAFO systems for hogs.
- Mollie indicated a need for expanding the information on HAP components of PM-2.5.
- David Niemi informed the group about some new work at Environment Canada that will seek to improve dust estimates from agricultural tilling. They will be operating an instrumented tractor to collect information.
- Tom suggested that a follow on project could be identified after review of the draft report on the assessment of satellite systems.
- Bob suggested improving generally the speciation profiles for PM fine.
- Bob also suggested a review of available information to determine if some sources could benefit from regionally specific EFs.
- Tom suggested a project to improve the silt content and moisture parameters on regional scales for use in unpaved road estimation methodologies.
- Several members discussed the concept for a project to identify various missing sources primarily of ammonia that just have not been considered important in other air quality management projects. Some examples:  
Point Sources: Sausage casing manufacturing, fertilizer manufacturing, rendering plants, etc.

Area Sources: forests, soils, wildfires, humans, etc.

The next meeting was scheduled for 3:00 PM Eastern Time on January 10, 2002. The call in number is 919-541-4328. A reminder note will be sent prior to the meeting.